

Sensitivity ( $\sqrt{\Delta\chi^2}$ )

Atmospheric Neutrinos  
LAr Detector Simulation

340 kt-yrs

Normal Hierarchy

$$\sin^2\theta_{23}=0.6$$

$$\sin^2\theta_{23}=0.5$$

$$\sin^2\theta_{23}=0.4$$

Mass Hierarchy  
Determination

Inverted Hierarchy

$$\sin^2\theta_{23}=0.6$$

$$\sin^2\theta_{23}=0.5$$

$$\sin^2\theta_{23}=0.4$$

0 0.5 1 1.5

$\delta_{CP} / \pi$

0 0.5 1 1.5 2

$\delta_{CP} / \pi$